

Why successful digital transformation demands a

# Zero trust security model

Digital transformation requires enterprise security and network evolution

Users, devices, applications and data are all moving outside the traditional enterprise perimeter.

40% of companies have more than 25% of their employees working remotely. <sup>1</sup>



67% of workers use their own devices at work. <sup>2</sup>



50% of enterprises are running cloud-based apps nearly 50% of the time. <sup>3</sup>



New business processes driven by digital transformation have increased the attack surface.

63% of all data breaches are the result of third parties. <sup>4</sup>



390,000 new malicious programs are registered every day. <sup>5</sup>



“Trust but Verify” is no longer an option as threats are moving inside the perimeter.

Greater than 40% of breaches originate with authorized users accessing unauthorized systems. <sup>6</sup>



Ransomware attacks growing at a yearly rate of 350%. <sup>7</sup>



In two years, ransomware damage costs has grown 15x. <sup>8</sup>



Traditional perimeters are complex, increase risk, and are no longer conducive with today's business models.

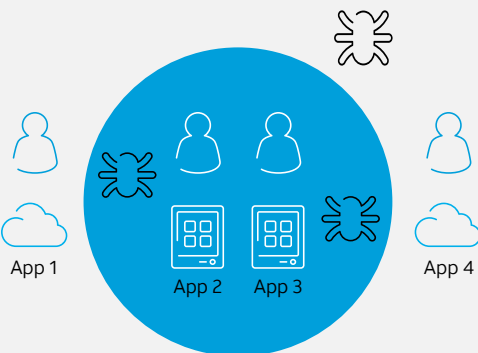
**Expectation: Inside = trust**

- Users and apps inside
- Trust but verify
- Full-network access



**Reality: There is no inside...**

- Users and apps anywhere
- Verify and never trust
- Application-level access



The number and types of devices on a corporate network are proliferating and the delineation between on-and off-network is no longer hard and fast.

Gartner predicts 20.4 billion+ devices will be installed by 2020. <sup>9</sup>



77% of people own a mobile device. <sup>10</sup>



## It's time to adopt a cloud perimeter

Implement a zero trust security and delivery model for successful digital transformation.

### How can AT&T Content Delivery Network help?

Our enterprise application access services help you facilitate secure remote access to business-critical enterprise and cloud applications and navigate today's untrustworthy and risky ecosystem.

[Learn more at att.com/cdn](http://att.com/cdn)

Sources: 1. IDC InfoBrief, Sponsored by Akamai, Remote Access and Security, September 2017. 2. CBS Money 3. forbes.com 4. IDC InfoBrief, Sponsored by Akamai, Remote Access and Security, September 2017. 5. av-test.org 6. IDC InfoBrief, Sponsored by Akamai, Remote Access and Security, September 2017. 7. newsweek.com 8. cybersecurityventures.com 9. gartner.com 10. Pew Research Center via Huffington Post